| <u> </u> | PA-IDC |
|----------|---------------|
| | RTIS USE ONLY |

| RY CONTROL FORM | | | | SE ONLY |
|----------------------------|----------------|---------|-----------------|----------|
| Application No. 10/623,045 | Prepared by | BLM | Tracking Number | 05920187 |
| Examiner-GAU Harlan - 1713 | Date | 4-13-04 | Week Date | 03/15/04 |
| | No. of queries | | IFW | |

| | J. | ACKET | |
|----------------------|------------------------|--------------------|----------------|
| a. Serial No. | f. Foreign Priority | k. Print Claim(s) | (p.) PTO-1449 |
| b. Applicant(s) | g. Disclaimer | I. Print Fig. | q. PTOL-85b |
| c. Continuing Data | h. Microfiche Appendix | m. Searched Column | r. Abstract |
| d. PCT | i. Title | n. PTO-270/328 | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed | o. PTO-892 | t. Other |

| SPECIFICATION | MESSAGE |
|------------------------|--|
| a. Page Missing | PTO 1449: "Please initial or line |
| b. Text Continuity | through citations. Copies provided. |
| c. Holes through Data | |
| d. Other Missing Text | |
| e. Illegible Text | |
| f. Duplicate Text | |
| g. Brief Description | |
| h. Sequence Listing | |
| i. Appendix | |
| j. Amendments | |
| k. Other | |
| | |
| CLAIMS | |
| a. Claim(s) Missing | |
| b. Improper Dependency | |
| c. Duplicate Numbers | Thank You, |
| d. Incorrect Numbering | initials BLM |
| e. Index Disagrees | RESPONSE 1449 has been failed to tradeconts lep. |
| f. Punctuation | |
| g. Amendments | |
| h. Bracketing | |
| i. Missing Text | ut |
| j. Duplicate Text | |
| k. Other | |
| (4) | initials |

Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(usé as many sheets as necessary)

Sheet of

| | THE PROPERTY OF THE PROPERTY O | LAN. | | | | |
|------------------------|--|------|--|--|--|--|
| | Complete if Known | | | | | |
| Application Number | To Be Assigned | | | | | |
| Filing Date | Concurrently Herewith | 200 | | | | |
| First Named Inventor | Benjamin Andrew Smillie | | | | | |
| Group Art Unit | | | | | | |
| Examiner Name | | | | | | |
| Attorney Docket Number | CL1504 US DIV | | | | | |

| | | | U.S. PATENT DOCUM | MENTS | - | |
|------------------------|-------------|--|-------------------------------|---------------------------|--|--|
| _ | | U.S. Patent Document | Name of Patentee or Applicant | Date of Publication of | Barrier Call | |
| Examiner Initials * | Cite No. | Number Kind Code ² (if known) | of Cited Document | Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Refer Passages or Relevant Figures Appear | |
| PH | | 5,358,792 | Mehta, et al. | 10/15/1994 | | |
| 1 | | 5,372,882 | Peiffer, et al. | 12/13/1994 | | |
| | | 5,427,807 | Chum, et al. | 06/27/1995 | | |
| | | 5,462,807 | Halle, et al. | 10/31/1995 | | |
| | | 5,530,065 | Farley, et al. | 06/25/1998 | | |
| | | 5,587,247 | Kubo, et al. | 12/24/1996 | | |
| | | 5,741,861 | Yamamoto, et al. | 04/21/1998 | | |
| | | 5,770,318 | Friedman | 06/23/1998 | | |
| | | 5,773,108 | deGroot, et al. | 06/30/1998 | | |
| | | 5,773,129 | Wakamatsu, et al. | 06/30/1998 | | |
| | | 5,792,549 | Wilkie | 08/11/1998 | | |
| | | 5,714,556 | Johnson, et al. | 02/03/1998 | | |
| | | 5,866,663 | Arthur, et al. | 02/02/1999 | | |
| | | 5,874,139 | Bosiers, et al. | 02/23/1999 | | |
| | | 5,895,803 | Deblauwe, et al. | 04/20/1999 | | |
| 2H | | 6,060,569 | Bennett, et al. | 05/09/2000 | | |
| | | | | | | |
| | | | | | | |

| | | | | FOREIG | N PATENT DOCU | MENTS | | |
|-----------------------|--------------|---------------------|---|------------|-------------------------------------|--|--|----------------|
| Examiner Initiats* | Cite No.1 | | Foreign Patent Document A Kind Code ⁵ | | Name of Patentee or Applicant of | Date of Publication of Cited Document | Pages, Columns, Lines, Where Relevant | |
| | | Office ³ | Number ⁴ | (if known) | Cited Document | MM-DD-YYYY | Passages or Relevant Figures Appear | T ₆ |
| KH | | EP | 0 590 739 | • | Naito | 04/06/1994 | | 4 |
| | | wo | 98 42665 | | Bansleben, et al. | 10/01/1998 | | |
| | | EP | 0 924 062 | ? [| Duncan | 06/23/1999 | | |
| | | EP | 0 985 687 | 7 | Kanzawa | 03/15/2000 | | |
| | | wo | 93 03093 | | Meka, et al. | 02/18/1993 | | _ |
| | | wo | 95 32235 | | McAlpin, et al. | 11/30/1995 | | |
| | | WO | 97 28960 | | Junker, et al. | 08/14/1997 | | |
| | | wo | 98 27124 | | Bennett | 06/25/1998 | | |
| | | WO | 98 47934 | | Feldman, et al. | 10/29/1998 | | |
| | | wo | 99 05189 | | Wang, et al. | 02/04/1999 | | |
| RH | - 2 | wo | 99 06476 | | Falla | 02/11/1999 | | **** |

| Examiner Signature | Whent ctal | Date | 2.435 421 |
|-----------------------|--|------------|--------------------------------|
| Signature | The state of the s | Considered | 4 7 8 09 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 6 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark hee if English language Translation is attached.

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known **Application Number** To Be Assigned **INFORMATION DISCLOSURE** Filing Date Concurrently Herewith STATEMENT BY APPLICANT First Named Inventor Benjamin Andrew Smillie Group Art Unit (use as many sheets as necessary) **Examiner Name** Sheet . of 2 Attomey Docket Number CL1504 US DIV

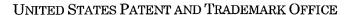
| | | OTHER PRIOR | ART - NON PA | TENT LITERAT | TURE DOC | UMENTS | | |
|------------------------|--------------------------|---|---|---|---------------------------------------|---------------------------------------|-------------------------|----------|
| Examiner Initials * | Cite No. ¹ | Include name of the a the item (book, maga nu | author (in CAPITAL azine, journal, serial imber(s), publisher | , symposium, cat | alog, etc.), d | ate, page(s), volun |), title of ne-issue | Т 2 |
| | | lq | ternational Search Re | port-(PCT/US00/24 | 4 01) dated 05 | 12/2000~ | | |
| RH | | DENGER, et al., Sim | ultaneous oligomeriza Commun | lion and polymeriza ., 1991, p. 697-701, | tion of ethylen Vol. 12 | e, Makromol. Chem., | Rapid | |
| M | | BENHAM, E. A. et al., Polyn | A Process for the Sim ner Engeineering and | nultaneous Oligome Science, 1988, p. 1 | rization and C 469-1472, Vol | opolymentzation of Et . 28, No. 22 | hylene, | |
| | | | | . 0 | | | | - |
| | | | | | | Эну | | |
| | | | | | | | | |
| | | | | | | - | | 0 |
| | | | · | -··· <u>.</u> | | | | <u>.</u> |
| | | | ······································ | · · · · · · · · · · · · · · · · · · · | • | | | |
| | | | | | · · · · · · · · · · · · · · · · · · · | <u> </u> | | |
| | | <u> </u> | | | | | | |

| Examiner Signature Professional Date Considered | 5-75-64 |
|---|---------|
|---|---------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.





Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

Fax Cover Sheet

Date: 07 May 2004

| To: Alanson G. Bowen | From: Robert D. Harlan |
|--|---------------------------------------|
| Application/Control Number: 10/623,045 | Art Unit: 1713 |
| Fax No.: 302-992-5374 | Phone No.: (571) 272-1102 |
| Voice No.: 302-773-0484 | Return Fax No.: (703) 872-9306 |
| Re: Copy of PTO-1449 | CC: |
| Urgent For Review For Com | ment For Reply Per Your Request |

Number of pages __ including this page

STATEMENT OF CONFIDENTIALITY

This facsimile transmission is an Official U.S. Government document which may contain information which is privileged and confidential. It is intended only for use of the recipient named above. If you are not the intended recipient, any dissemination, distribution or copying of this document is strictly prohibited. If this document is received in error, you are requested to immediately notify the sender at the above indicated telephone number and return the entire document in an envelope addressed to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 ******* TX REPORT *** *************

TRANSMISSION OK

TX/RX NO

4432

CONNECTION TEL

SUBADDRESS

CONNECTION ID ST. TIME

USAGE T

PGS.

RESULT

913029925374

05/07 16:45

01'11

3

OK